

## ABSTRACT:

The invention relates to a network comprising a plurality of network nodes. At least part of the network nodes are directly coupled to each other via at least one star node. The star node comprises a plurality of star interfaces which are assigned to at least one network node. In dependence on a respective pilot signal, a star interface conveys a message from the assigned network node to the other star interfaces, or from another star interface to at least one of the assigned network nodes. Also in the event of simultaneous arrival of at least two pilot signals at the respective star interfaces, a decision circuit releases one star interface for the transmission of data.

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